

THE  
*RURAL DISTRICT COUNCIL*  
OF THE  
SEDGEFIELD UNION.



# Annual Report

OF THE  
MEDICAL OFFICER OF HEALTH,

FOR THE

**Year ending December 31st, 1908.**



Stockton-on-Tees :

JOHN SHARP, PRINTER AND STATIONER, 7, SILVER STREET.

1909.



Digitized by the Internet Archive  
in 2018 with funding from  
Wellcome Library

<https://archive.org/details/b30076213>

*To the Chairman and Members of the Sedgefield  
Rural District Council.*

GENTLEMEN,

I have the honour to bring before you my Eleventh Annual Report upon the health and general sanitary condition of your district, for the year ending December 31st, 1908.

POPULATION.—There has again been during the last year a large increase of houses built, though not so great as in the previous two years. There have been 300 new houses erected, the greater number being built in the Township of Ferryhill.

I estimate the population for the whole of your district to be 29,710.

MORTALITY, or the total number of deaths occurring in your district during the year, was 476. This number does not include the deaths at the County Asylum, except those who were previous residents in your district; but it does, however, include residents in your district who have died in other public institutions, such as the Durham County Hospital, and at the Hartlepool Hospital. The death-rate per 1000 of the estimated population is 17·1, just ·4 below the death-rate for the whole county.

Though considerably larger than the death-rate of your district for last year, it will also be noticed that the rate for the county is increased, but it is well below the average for the last ten years. The difference between this and last year is to be accounted for by the increase of

deaths notified as arising from Diarrhœa, five only being certified during 1907, whereas during 1908 there were 42. During 1908 there were several periods of hot summer weather, unfortunately always producing an increased mortality amongst infants, whereas during 1907 there was an almost continuous rainfall, with very little summer weather.

BIRTHS registered during the year were returned as 1095, comprising 574 males and 521 females, and of these 29 were illegitimate. During 1907 the births registered were 945. The rate per 1000 of the estimated population is 39·6, being 6·1 increase on the rate per 1000 for 1907 in your own district, and an increase of 2·6 on the rate per 1000 of your county.

INFANTILE MORTALITY has now passed beyond the domain of health authorities to become a fashionable topic, the discussion of which now ranges from back parlours to gilded drawing-rooms, where good people (generally without any children of their own) hold forth with unfeigned horror upon (to them) this most shocking state of affairs; until, finally, this question, with many another, presses itself for a solution upon the care of grave statesmen.

While I do not for a moment wish to deprecate the seriousness with which this matter is now receiving attention, I find there are too many who are only too ready to sentimentalize in statistics, and too few who are prepared to deny themselves, and make their own homes the centre of protection of infant life that it should be.

Owing to the measures adopted, upon which I have previously reported, it is now not from want of knowledge if mothers err in the treatment of their children; it is



from deliberate choice, and too frequently the easiest method, not the most desirable one for the welfare of the child, is preferred. Nor is this to be wondered at, when the present craze for amusement robs the mother of that help which the father used to give her. Where can you now see the same father who used to lend a hand on a Saturday with the weekly "tidying up?" Is he not to be found swelling the huge football crowds, alas, not a player, but merely lookers-on, which every week depletes homes of men who, if the pride of family was still our national boast, would be not looking on, but actively participating in the game domestic.

The rate of mortality per 1000 births for your district this year is 160, which is a slight increase upon the year 1907 when it was 153; but it compares favourably with the county average—162 for the last 10 years.

In my last two Annual Reports I have shewn that this mortality is not one in which insanitation plays a prominent part, but rather that it arises from sociological causes, and this fact is startlingly manifested this year, for it will be noticed by referring to Table V that the great preponderance of these deaths are due to ante-natal causes; and further, if insanitation be urged as the factor of producing deaths from ante-natal causes, the lowest death-rate should be found in the most sanitary area of your district. This, however, is not so, but quite the reverse, for the township of Ferryhill, which can certainly claim the greatest number of modern and most sanitary houses, has the highest infantile mortality, reaching a total of 185; whilst Cornforth, with a sanitary state less satisfactory than Ferryhill, has an infantile mortality of 156 per 1000 births; and Trimdon, which I consider as the

least satisfactory of the three townships from a sanitary point of view, has the lowest infantile mortality of them all, with 136 per 1000.

One of the many remedies proposing to deal with this infantile mortality, was the compiling of the Compulsory Notification of Births Act, which I think your Council acted wisely in your refusal to adopt, for whatever good may come from its application in other districts, your population, possessed of a praiseworthy independence, which we should seek to support rather than undermine, would, I am certain, resent the official inspection of their children, which follows as a natural corollary from the adoption of this Act. And in their very just resentment they would have my sympathy. If aid is to come to the people, in this, as in other matters, to be worth anything it must come from themselves; and in the place of the appointment of an official lady health inspector now proposed, I should like to see in your different townships, appointed and paid for by themselves, aided, if need be, by contributions from your Council, District Nurses for each, who, by their practical sympathy in doing, rather than saying something, would prove of immense service in this as in other matters affecting the health of your district.

ZYMOTIC DEATH-RATE, that is, the deaths from seven principal zymotic diseases, viz.:—Measles, Scarlet Fever, Enteric, Smallpox, Diphtheria, Whooping Cough and Diarrhœal Diseases is 2·7—a rate equal to that of the county, but an increase of 1·4 on the rate for 1907 for your district. But this increase will not seem so great when the larger proportion of deaths from diarrhœa, due undoubtedly to climatic conditions of hot summer weather which we experienced during 1908, is taken into consideration, and also the fact that a virulent epidemic of

Whooping Cough has swept over the whole of the county. Whooping Cough is now well known as a highly infectious disease, which, owing to its protracted nature, is impossible to secure anything worthy of the name of isolation. But, at least, parents might be made to abstain from their selfish flagrant exposure of children suffering from this disorder in public places, such as churches, railway carriages, &c., thus, by their want of thought, becoming the means of the wholesale spread of the disorder.

The following table shows their relative frequency during the last three years:—

				1906	1907	1908
Scarlet Fever	...	...	...	6	3	6
Diphtheria	...	...	...	6	8	6
Whooping Cough	...	...	...	10	2	20
Measles	...	...	...	5	12	2
Typhoid Fever	...	...	...	21	5	5
Diarrhœa	...	...	...	63	5	42
				<hr/> 111	<hr/> 35	<hr/> 71

CASES OF INFECTIOUS DISEASE notified during the year reached a total of 213, an increase of 10 on the year 1907. This number has been mainly caused by a continued prevalence of Scarlet Fever, confined almost entirely to Cornforth and Trimdon, and also by the fact that there is an increase of 30 cases of Typhoid Fever.

I append a table of these disorders, with a comparison of their relative frequency:—

				1906	1907	1908
Scarlet Fever	...	...	...	82	122	121
Diphtheria	...	...	...	51	36	25
Typhoid Fever	...	...	...	117	14	44
Erysipelas	...	...	...	18	31	23
Smallpox	...	...	...	1	0	0



SCARLET FEVER.—This disease has continued to be prevalent this year as in 1907, with this difference, that whereas in 1907 nearly all the cases arose in Ferryhill, in 1908 only 13 cases occurred in that township, and of the remaining 108, 56 arose at Cornforth, and 52 at Trimdon. The disease has, however, only been of a mild type, and there were only six deaths, all of which occurred in the Trimdon Township, where Measles also was prevalent. These deaths, though returned as from Scarlet Fever, were not pure Scarlet Fever cases, but a hybrid of this disease and Measles, with a tendency for the most part to Measles, so that really the mortality from Scarlet Fever was *nil*.

Great difficulty is met with in obtaining isolation of Scarlet Fever cases, for the symptoms of the disease are often so slight that in the 24 hours intervening between the receipt of the notification and the visit of myself or the Inspector, all traces of the disease have vanished, and not infrequently our visit has been the first intimation to the guardians of the children that they were suffering from an infectious disorder.

DIPHTHERIA.—I am pleased to be able to report that, notwithstanding the fact of an increased prevalence of this disease throughout the county during the past year, there has been in your district a diminution of the total notifications of 11, the totals being 25 for 1908, as against 36 in 1907.

In no place has the disease shewn itself much more evident than in another, and although, as in previous years, the more rural portions of your district have borne the chief brunt of this disease, the total cases in the Sedgfield district has fallen from 21 in 1907 to 8 in 1908;



Bishopton, with a very small population, has 3 cases; whilst Trimdon, Cornforth, and Ferryhill, with very much larger populations, have 5 and 4 each respectively.

With regard to the improvement noted, I attribute it chiefly to the better climate condition prevailing, the absence of prolonged fogs, a greater ratio of bright sunshine, and lastly, but by no means least, the valuable aid of your hospital in securing efficient isolation, and the free use of anti-toxin both as a preventive and curative agent.

ENTERIC FEVER.—In common with the experience of the rest of the county, your district has been visited with an increased prevalence of this disorder, 44 notifications having been received this year as against 14 last year.

The disease showed itself in every one of your medical districts, proving that there was a universal factor in its undue prominence, and this factor was the great warmth experienced during September, together with heavy rains, conditions which the germ of Enteric revels in to the consternation of health authorities and disaster to individuals.

The cases were distributed as follows:—Ferryhill 17, Cornforth 14, Trimdon 9, Sedgefield 2, Bishopton 2.

From my inspection of the cases, except for those conditions which I shall refer to when I deal with the general sanitation of your district, no especially marked specific factor could be found as a causation of the disease, and from the curious course which many of the cases admitted to the hospital pursued, the character of the disease was not of the virulent nature which is usually found in these cases, and also remembering how difficult

it is to differentiate the "Typhoid State" that in their last stage other diseases assume, great care is necessary lest a higher mortality is attributed to this disorder than is really the case.

MEASLES.—There has been a very marked improvement in the mortality from this disease, only two deaths being attributed to it, whereas last year there were twelve; the chief evidence of its occurrence and fatality was in the Trimdons where both the deaths occurred.

SMALLPOX—Your district has, fortunately, not been visited by a single case of this disease, but one case occurred in the adjoining Rural District of Easington, which was promptly removed to your conjoint hospital, and no further cases occurred.

WHOOPIING COUGH.—This disease has been exceedingly prevalent over the whole of your district, but it is impossible to state the proportion in each of your townships owing to the fact that medical attention was not generally required.

As a consequence of the protracted nature of the disease, and the selfish thought, only too frequently carried into practice, that every child is bound to have Whooping Cough sometime in its life. Parents allow their children affected with this disease to play about in the roads, and will frequently be seen taking them in railway carriages, etc., when the whoop is still at its worst, thus scattering the disease broadcast with never a thought of the suffering and possible death they may be causing to others.

Twenty deaths occurred; 10 at Ferryhill and 5 at Cornforth and Trimdon respectively.

RESPIRATORY DISEASES.—Deaths from these diseases are very much greater than during 1907, 94 having occurred during 1908, as against 63 during 1907. The rate is 3·1 against a rate of 2·2 during 1907, and it is ·2 greater than that for the county which is 2·81.

The increase can be accounted for by the large amount of Whooping Cough there has been, and which too often ends fatally by means of Pneumonia, the medical attendant not being called in until the latter complication has arisen, when the death is not infrequently accounted for under this heading.

PHTHISIS PULMONALIS.—33 deaths arose during 1908 from tuberculous disease, and of these 25 were from pulmonary tubercle. Though an increase of 7 on 1907, the rate per 1000 is considerably less than for the county, being as follows:—

	Rate per 1000 of Sedgefield population.				County.
Phthisis	...	..	·84	...	·95
Other Tubercular diseases	·25	...	...	...	·70

Deaths from Injuries, 18.      Suicides, 3.

I regret to note that an increase of 5 has to be remarked upon under this heading, but it is only one of the many indications of the rapid change of your district from rural to industrial occupations, with the accompanying levy of life consequent therefrom; and in proof of this Ferryhill, in its proud position in the industrial fight, has the greater number of deaths from accidents, 10 being recorded there, 5 at Cornforth, and 3 at Trimdon.

SUICIDES.—Your district can claim no immunity from this now too common incident of daily life, and I regret to note an increase of 2 upon last year's total.



GENERAL SANITATION.—I am in despair on this subject, for, notwithstanding my constant urging for years of the needs of Ferryhill, Cornforth and Trimdon, in regard to the question of making streets, drainage, &c., it is with more than regret I have to report that nothing has been done; it would be difficult for anyone to exaggerate the serious state of affairs now existing there. I have previously reported to you that the so-called streets are nothing better than a collection of cesspools, and that you have not a much higher death-rate, or a serious outbreak of epidemic diseases as a consequence, is a piece of good fortune that you have already trifled with too long.

Enteric Fever, which has prevailed in these townships, I attribute as largely arising from this cause; certainly in Ferryhill, where a good class of house is a feature of the district, and I am at a loss to find any other cause. Your Council has very wisely adopted night scavenging in these populous districts, but towards the latter part of this year your scavenging contractors stated that owing to the dangerous state of the approaches to the houses, they were unable to carry out their work at nights as agreed in their contracts, the irony of which, I think, would be difficult to equal, for when the streets are so bad as to be impassable for scavengers, what must be the plight of the less hardy inhabitants of this district? Until this state of affairs is remedied, and that quickly, sanitation must remain in a state of paralysis, for your officials are placed in the impossible and invidious position of asking others to remedy nuisances, when the Council for which they act are the greatest offenders in this respect.

As a remedy for the Infantile Mortality in your district, I should let it be known that when District Nurses are appointed, your Council will be prepared to



contribute to their salaries if a specified portion of their time be available for employment by your Council, as from the quarterly report of the County Medical Officer, I understand the Local Government Board have given their sanction to such payments by the Whichham Urban District Council.

ISOLATION HOSPITAL.—During the past year the continued practical utility of this institution has again shewn itself, for during the year it has hardly ever been without patients, no less than 44 having been treated there, comprising 28 cases of Enteric Fever, 10 of Diphtheria, and 6 cases of Scarlet Fever.

It is interesting to note that of the total cases treated, cases were removed from all the townships in your district, their respective numbers being as follows:—Cornforth 16, Ferryhill 10, Trimdon 9, Sedgefield 8, and Bishopston 1.

There is one feature about the majority of cases admitted, and this I have frequently encountered in my inspection of infectious cases, that parents will not consent to the removal of their children until they are almost *in extremis*, consequently the rate of mortality per number of cases treated will always be high; this year the number of deaths was six, three being from Diphtheria, two from Scarlet Fever, and one from Enteric Fever, making a case mortality of 13·6 per cent.

I have always made it a practice, even when the patients were in a dying condition, and their friends wished their removal, to accede to their request, for a frequent source of new cases of infectious disease is the very natural but most dangerous temptation of last farewells; and also by the congregation of friends at funerals,

disease may thus become spread far and wide, all of which dangers are obviated by removal to your hospital.

LODGING HOUSES.—These have been frequently inspected, and 16 notices served for the cleansing of rooms, &c. No cases of infectious disease have occurred in them, and they are all, with the exception of Mr. Duggan's, of West Cornforth, kept in a cleanly condition; this house on my visit was in a most unsatisfactory condition, but the proprietor promised to rectify matters, and I have had no further cause of complaint.

During the year 530 nuisances have been abated, either following upon notices served from the Sanitary Inspector or the Sanitary Authority. The majority of these notices were in respect, as in previous years, of defective ashpits and privies, no less than 133 being of this nature, and I hope, when the streets are being dealt with, to get all the old ones abolished and replaced by ash closets. There were 120 nuisances abated connected with house drainage, and the remainder dealt with cow sheds, lodging houses, refuse deposits, slaughter houses, animals improperly kept, &c.

SEWERS AND SEWAGE DISPOSAL.—During the year 4306 lineal yards of sewers have been laid. Your sewage disposal works, with the exception of those situated at West Cornforth, where I have had complaints of smells arising from the same, have worked satisfactorily. To overcome the difficulty at West Cornforth, which is only experienced at certain times of the year, and during the prevalence of an east wind, your Sanitary Engineer recommends the covering in of the settling tank.

The sewers have been flushed more consistently, and, with the exception of one situated at Cornforth Lane, I

have had no complaints concerning them; and with regard to Cornforth Lane, on my frequent visits, and that of your Inspector, I could discover no danger arising therefrom.

BURIAL ACTS.—I was asked to report upon a prospective site for a new cemetery for the Township of Sedgfield, situated in Butterwick Lane. I was unable to recommend the same, owing to its undue proximity to dwellings, and the possibility of contaminating a domestic water supply. A Public Enquiry was held by a representative of the Local Government Board, whose report has not yet been received.

FACTORY AND WORKSHOPS ACT.—These have been regularly inspected, and notices served upon Messrs. Barker & Co., in respect of better sanitary accommodation for their workmen; upon Messrs. Mullholland & Co., West Cornforth, and The Thrislington Coal Co., of the same place, with respect to defective ash closets; and upon Messrs. Teasdale, of Thirfall Bridge, for separate accommodation for female workers.

In conclusion, I wish to thank all the medical men practising in your district, the County Medical Officer, and your Surveyor and Inspectors, for their courteous assistance rendered to me in the execution of my duties.

I am, Mr. Chairman and Gentlemen,

Your obedient servant,

FREDERICK HUNTON,

Medical Officer of Health.

*February, 1909.*



VITAL STATISTICS OF WHOLE DISTRICT  
during 1908 and previous years.

Table I.—SEDFIELD.

YEAR	Population estimated to Middle of each year	BIRTHS		TOTAL DEATHS REGISTERED IN THE DISTRICT.			
		Number	Rate*	Under 1 Year of Age		At all Ages	
				Number	Rate per 1000 Births registered	Number	Rate*
1	2	3	4	5	6	7	8
1898	... 18860	704	37·4	118	153	342	18·1
1899	... 19079	767	40·2	119	156	333	17·4
1900	... 19288	746	38·6	128	158	361	18·6
1901	.. 18927	798	41·5	148	185	353	18·6
1902	... 19132	706	36·9	104	147	298	15·5
1903	... 19337	736	38·0	142	192	347	17·4
1904	... 21292	829	39·9	137	153	377	17·2
1905	... 23737	828	34	141	170	407	17·1
1906	... 26061	907	34·8	180	198	510	19·5
1907	... 28211	945	33·5	145	153	414	14·6
Averages for years 1898-1907	21392	776	37·48	136	166	374	17·4
1908	... 29710	1095	39·6	176	160	476	17·1

\*Rates in Columns 4 and 8 calculated per 1,000 of estimated population.

NOTE.—The deaths to be included in Column 7 of this Table are the whole of those registered during the year as having actually occurred within the district or division.

Area of District in acres (exclusive of area covered by water).	}	Total population at all ages		... 18722	} At Census of 1901.
		44025		Number of inhabited houses ... 3671	
				Average number of persons per house 5	



## ADMINISTRATIVE COUNTY OF DURHAM.

**CHIEF VITAL STATISTICS FOR 1908,**  
and their comparison with 1907, and the average of the  
ten years 1898-1907.

Estimated population (1908)					...	...	843,770		
Estimated population (1907)					...	...	832,900		
					ANNUAL RATES per 1000 population.			MEAN RATE for 10 years, 1898-1907.	
					1908.		1907.		
Birth-rate	...	...	...	...	37·0	...	34·8	...	35·3
Death-rate	...	...	...	...	17·5	...	17·0	...	18·0
Zymotic Death-rate	...	...	...	...	2·70	...	1·98	...	2·23
Infant Mortality-rate, per 1,000 births	...	...	...	...	151	...	136	...	162
Smallpox	...	...	...	...	<i>Nil</i>	...	<i>Nil</i>	...	0·008
Scarlet Fever	...	...	...	...	0·07	...	0·06	...	0·16
Diphtheria and Membranous Croup	...	...	...	...	0·18	...	0·20	...	0·19
“Fever” (Enteric and Continued)	...	...	...	...	0·18	...	0·10	...	0·19
Measles	...	...	...	...	0·27	...	0·69	...	0·41
Whooping Cough	...	...	...	...	0·53	...	0·32	...	0·34
Diarrhœa	...	...	...	...	1·44	...	0·59	...	0·90
Phthisis	...	...	...	...	0·95	...	0·97	...	1·11
Other Tubercular diseases	...	...	...	...	0·70	...	0·80	...	0·86
Acute Respiratory diseases	...	...	...	...	2·81	...	3·09	...	3·06

T. EUSTON HILL,

12th January, 1909.

County Medical Officer of Health.

**VITAL STATISTICS OF SEPARATE LOCALITIES IN 1908**  
**and previous years.**

**TABLE II.—SEDFIELD.**

Names of Localities	Sedgefield.				Bishopton.				Ferryhill.				Cornforth.				Trimdon.			
	Population estimated to middle of each year	Births registered	Deaths at all Ages	Deaths under 1 year	Population estimated to middle of each year	Births registered	Deaths at all Ages	Deaths under 1 year	Population estimated to middle of each year	Births registered	Deaths at all Ages	Deaths under 1 year	Population estimated to middle of each year	Births registered	Deaths at all Ages	Deaths under 1 year	Population estimated to middle of each year	Births registered	Deaths at all Ages	Deaths under 1 year
1907	2691	65	34	6	798	21	9	1	10388	439	196	58	7845	204	99	30	6489	213	67	49
1908	2837	62	33	5	840	18	11	2	10939	517	219	95	8261	293	111	46	6833	205	101	28

CASES OF INFECTIOUS DISEASE notified during the year 1908.

Table III—SEDFIELD DISTRICT.

NOTIFIABLE DISEASE	Cases Notified in Whole District						Total Cases Notified in each Locality							Number of Cases Removed to Hospital from each Locality							Total cases removed to Hospital	
	At all Ages	At Ages†—Years					1	2	3	4	5	6	7	1	2	3	4	5	6	7		
		Under 1	1 to 5	5 to 15	15 to 25	25 to 65																65 and upwards
Diphtheria (including Membranous Croup)	25	...	5	14	3	3	...	8	3	4	4	5	...	1	6	...	2	2	...	...	...	10
Erysipelas	23	1	...	2	1	18	1	5	1	7	7	3	...	...	...	...	...	...	...	...	...	...
Scarlet Fever	121	...	48	66	4	3	...	1	...	13	55	52	...	...	1	...	2	3	...	...	...	6
Enteric Fever	44	...	9	15	18	2	...	2	2	17	14	9	...	...	1	1	10	12	4	...	...	28
	213	1	62	97	26	26	1	16	6	41	80	69	...	1	8	1	10	16	2	...	...	44

Isolation Hospital :—  
SEDFIELD (Rural District Council).

Total available beds ... .. 24  
Number of Diseases that can be concurrently treated ... 3

# CAUSES OF, AND AGES AT,

Table IV.—SEDFIELD

CAUSES OF DEATH	Deaths at the Subjoined Ages of "Residents" whether occurring in or beyond the District						
	All Ages	Under 1 year	1 and under 5	5 and under 15	15 and under 25	25 and under 65	65 and up-wards
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Measles ... ..	2	1	1	...	...	...	...
Scarlet Fever ... ..	6	...	3	3	..	...	...
Whooping Cough ... ..	20	11	7	2	...	...	...
Diphtheria, including Membranous Croup	6	...	3	2	...	1	...
Enteric Fever ... ..	5	...	...	...	4	1	...
Epidemic Influenza .. ..	5	...	1	...	..	2	2
Diarrhoea ... ..	10	5	5	...	...	...	...
Enteritis ... ..	32	27	4	...	...	...	1
Phthisis, Pulmonary Tuberculosis ...	25	...	2	1	4	18	...
Other Tuberculous Diseases ... ..	8	5	2	1	...	...	...
Cancer, malignant disease ... ..	16	...	...	...	...	11	5
Bronchitis ... ..	42	17	7	1	..	5	12
Pneumonia ... ..	51	12	13	3	3	18	2
Pleurisy ... ..	1	...	...	...	1	...	...
Other Diseases of Respiratory Organs	4	1	2	...	...	1	...
Alcoholism, Cirrhosis of Liver ... ..	2	...	...	...	...	1	1
Premature Birth ... ..	59	59	...	...	...	...	...
Diseases and Accidents of Parturition	6	...	...	...	1	5	...
Heart Diseases ... ..	38	1	...	3	1	17	16
Accidents ... ..	18	1	...	3	5	8	1
Suicides ... ..	3	...	...	...	...	2	1
All other causes ... ..	117	36	13	1	3	31	33
All causes ... ..	476	176	63	20	22	121	74



# DEATH DURING THE YEAR 1908.

## DISTRICT.

Deaths at all Ages of "Residents" belonging to Localities whether occurring in or beyond the District

Sedgefield (9)	Bishop-ton (10)	Ferryhill (11)	Cornforth (12)	Trimdon (13)	Workhouse (14)	Isolation Hospital (15)	CAUSES OF DEATH
...	...	...	...	2	...	...	Measles
..	.	..	..	6	...	2	Scarlet Fever
...	...	10	5	5	...	...	Whooping Cough
1	..	1	2	2	...	3	Diphtheria, including Membranous Croup
...	1	3	...	1	...	1	Enteric Fever
2	...	...	2	1	...	...	Epidemic Influenza
...	..	4	3	3	..	...	Diarrhœa
...	...	15	13	4	...	...	Enteritis
1	..	14	4	6	...	..	Phthisis, Pulmonary Tuberculosis
..	...	7	...	1	...	...	Other Tuberculous Diseases
2	..	8	2	4	..	...	Cancer, malignant disease
2	2	15	7	16	...	...	Bronchitis
2	2	31	8	8	...	...	Pneumonia
...	...	1	...	...	...	...	Pleurisy
...	...	4	...	...	...	...	Other Diseases of Respiratory Organs
...	...	2	...	...	...	..	Alcoholism, Cirrhosis of Liver
6	1	26	12	14	...	...	Premature Birth
...	.	2	...	4	...	...	Diseases and Accidents of Parturition
5	1	14	11	7	...	..	Heart Diseases
...	...	10	5	3	...	..	Accidents
1	...	1	1	...	...	...	Suicides
11	4	46	36	14	6	...	All other causes
33	11	214	111	101	6	6	All causes

# INFANTILE MORTALITY

Deaths from stated Causes in Weeks and

Table V.—SEDFIELD

CAUSE OF DEATH						Under 1 Week	1—2 Weeks	2—3 Weeks	3—4 Weeks	Total under 1 Month
<i>All Causes</i> —Certified ... ..						41	6	6	7	60
Uncertified .. ...						1	...	...	...	1
<i>Common Infectious Diseases</i> —										
Measles ... ..						...	...	...	..	...
Whooping Cough ... ..						..	...	...	...	...
<i>Diarrhœal Diseases</i> —										
Diarrhœa, all forms ... ..						...	...	...	...	...
Enteritis, Muco-enteritis, Gastro-enteritis ...						...	...	...	1	1
Gastritis, Gastro-intestinal Catarrh ... ..						...	...	...	...	...
<i>Wasting Diseases</i> —										
Premature Birth ... ..						34	4	2	4	44
Congenital Defects ... ..						1	...	...	...	1
Injury at Birth ... ..						1	...	...	...	1
Atrophy, Debility, Marasmus .. ...						1	2	2	1	6
<i>Tuberculous Diseases</i> —										
Tuberculous Meningitis ... ..						...	..	...	...	...
Tuberculous Peritonitis : Tabes Mesenterica...						...	...	...	...	...
Convulsions ... ..						4	...	..	...	4
Bronchitis ... ..						...	...	1	1	2
Pneumonia ... ..						..	...	...	..	...
Suffocation (overlying) ... ..						...	..	...	..	...
Other Causes ... ..						1	...	1	..	2
						42	6	6	7	61

Population estimated to middle  
of 1908 .. 29710

Births in the year—

Legitimate Infants .. 1066

Illegitimate Infants... 29

**FOR THE YEAR 1908.**  
**Months under One Year of Age.**  
**DISTRICT.**

1—2 Months	2—3 Months	3—4 Months	4—5 Months	5—6 Months	6—7 Months	7—8 Months	8—9 Months	9—10 Months	10—11 Months	11—12 Months	Total Deaths under One Year
10	9	22	18	11	12	5	7	7	4	6	171
1	...	...	1	1	...	...	...	1	...	...	5
...	...	...	1	...	...	..	...	...	...	...	1
1	...	3	1	...	3	1	...	...	...	2	11
...	...	2	...	1	...	...	...	1	..	1	5
2	2	4	5	4	3	...	1	2	1	2	27
...	...	1	1	1	1	...	1	...	...	...	5
4	5	2	4	...	...	...	...	...	...	...	59
...	...	2	..	...	...	...	...	...	..	...	3
...	...	...	...	...	...	...	...	...	...	...	1
2	...	..	1	...	...	..	...	...	...	...	9
...	...	...	...	...	...	...	...	..	1	...	1
...	...	...	1	...	1	...	...	2	...	...	4
1	...	3	1	1	...	...	2	...	.	..	12
...	1	...	1	3	2	1	3	2	1	1	17
1	1	3	3	1	1	2	...	...	...	...	12
...	...	1	..	...	...	...	...	...	...	,	1
..	...	1	..	1	1	1	...	1	1	...	8
11	9	22	19	12	12	5	7	8	4	6	176

Deaths in the year of—

Legitimate Infants ... 173
Illegitimate Infants ... 3

Deaths from all Causes at all Ages ... 476

BIRTHS—Boys ... 574
Girls ... 521

## RURAL DISTRICT OF SEDGEFIELD.

---

Annual Report of the Medical Officer of Health for the year  
1908, on the administration of the Factory and Workshop  
Act, 1901, in connection with

### **Factories, Workshops, Laundries, Workplaces and Homework.**

---

#### **INSPECTION.**

INCLUDING INSPECTIONS MADE BY SANITARY INSPECTORS  
OR INSPECTORS OF NUISANCES.

---

Premises	Inspections
Workshops (including Workshop Laundries) ... ..	84

---

#### **OTHER MATTERS.**

---

Class	Number
Workshops on the Register (s. 131) at the end of the year ... ..	27

---

February 1st, 1909.

F. HUNTON,  
Medical Officer of Health.



TABLE OF DEATHS during the Years 1878 to 1908 inclusive, in the Rural Sanitary District of Sedgefield.

YEAR	Estimated Population	BIRTHS			DEATHS			Mortality from all causes at subjoined ages						Deaths from Zymotic Diseases															Deaths from other Diseases					Rate per 1000 of Population								
		M	F	Total	M	F	Total	Under 1 year	1—5	5—15	15—25	25—65	65 and up'rds.	Small Pox	Scarlatina	Diphtheria	Croup	FEVERS					Cholera	Erysipelas	Measles	Whooping Cough	Diarrhoea and Dysentery	Rheumatic Fever	Influenza	Total Zymotic Diseases	Phthisis Pulmonalis	Bronchitis Pleurisy Pneumonia	Heart Disease	Injuries	All other Diseases	Birth rate	Death rate	Infant Mortality per 1000 births	Zymotic rate	Phthisis rate	Bronchitis Pleurisy Pneumonia rate	
																		Typhus	Enteric	Continued	Relapsing	Puerperal																				
1878	15660	410	412	822	178	177	355	108	93	16	20	58	23	...	28	...	...	...	20	2	...	...	...	...	5	8	15	1	...	80	23	41	10	14	187	52.6	22.7	131	5.1	1.4	2.6	
1879	15882	341	295	636	132	136	268	84	28	15	18	43	31	...	9	1	3	...	4	...	...	...	...	...	14	12	13	...	...	62	23	34	17	11	159	40.1	16.2	132	1.5	1.4	2.1	
1880	16104	318	247	565	168	145	313	108	65	21	23	50	20	...	2	...	5	...	7	8	...	1	...	...	10	12	12	...	...	53	34	36	15	12	147	35.0	19.4	191	3.8	1.6	3.1	
1881	16326	310	357	667	143	159	302	92	40	18	25	66	25	...	17	1	4	...	4	3	...	2	...	...	13	21	...	1	...	59	29	34	18	84*	156	38.8	23.2	152	3.6	1.7	2.0	
1882	16332	320	315	635	226	153	379	97	51	29	50	85	30	...	12	...	...	...	4	1	...	...	...	3	2	13	8	1	...	54	27	64	23	21	187	41.2	22.7	169	3.2	1.6	3.8	
1883	16334	349	333	682	197	179	376	116	66	36	27	60	32	5	7	1	2	...	5	3	...	...	...	1	16	5	19	1	...	71	31	38	23	15	140	41.3	18.8	152	4.2	1.8	2.3	
1884	16836	360	327	687	182	136	318	105	47	26	15	67	21	14	1	2	5	...	5	...	...	...	...	3	15	...	...	...	34	32	57	17	4	176	39.4	18.7	191	1.9	1.7	3.3		
1885	17038	337	336	673	162	158	316	129	47	18	22	39	25	2	8	...	1	...	5	...	...	...	...	1	7	9	...	3	...	40	27	56	15	9	172	46.3	18.5	152	2.3	1.5	2.3	
1886	17238	340	369	709	158	161	319	108	68	20	19	42	23	...	6	1	3	...	2	...	...	...	...	1	3	13	8	...	3	...	45	30	63	25	12	168	38.4	19.6	180	1.7	2.5	3.6
1887	17440	342	327	669	176	167	343	121	65	15	20	64	24	...	7	...	4	...	3	1	...	...	...	...	2	6	9	...	1	...	30	28	40	17	12	178	39.7	17.3	134	1.5	1.7	2.2
1888	17642	344	357	701	164	141	305	94	47	24	15	60	30	...	10	5	4	...	6	...	...	...	...	...	...	2	2	...	1	...	40	24	52	15	13	173	37.0	18.0	154	1.3	2.2	2.9
1889	17844	336	325	661	163	163	326	102	56	26	19	54	28	...	15	12	1	...	2	...	...	...	...	...	...	3	7	...	...	40	24	52	15	13	173	37.0	18.0	154	1.3	2.2	2.9	
1890	18046	348	354	692	189	176	365	114	72	18	12	73	27	...	7	...	4	...	1	6	...	1	...	...	11	15	10	...	4	55	24	69	18	8	187	38.4	20.2	164	3.0	1.3	3.8	
1891	18246	399	372	771	205	181	386	128	35	13	26	75	35	...	2	...	4	...	5	...	...	2	...	4	1	...	5	...	16	23	28	105	24	9	181	42.3	21.1	166	1.2	1.5	5.7	
1892	18431	382	363	745	206	156	363	115	69	22	11	66	31	1	4	3	2	...	3	1	...	3	...	1	14	6	7	...	1	45	29	65	13	8	202	40.3	19.0	154	2.4	1.0	3.5	
1893	18640	375	342	717	189	185	374	136	60	20	24	64	27	...	3	6	...	...	11	...	...	5	...	...	5	5	28	1	1	64	29	46	14	12	208	38.3	20.6	189	3.4	1.5	2.5	
1894	18849	376	342	718	192	134	326	122	51	13	16	47	27	...	...	1	...	...	6	...	...	...	2	16	13	3	...	...	4	41	25	40	24	8	184	38.0	17.0	168	2.1	1.3	2.1	
1895†	18223	378	360	738	197	177	374	147	57	13	20	60	28	...	6	...	...	...	4	...	...	1	...	1	2	10	16	...	2	10	52	22	53	25	13	209	40.0	20.5	191	2.3	1.2	2.9
1896	18432	355	385	740	178	167	345	125	60	7	16	70	22	...	...	...	4	...	6	1	...	1	...	1	17	7	...	...	1	45	19	52	25	10	194	40.0	18.7	168	2.3	1.0	2.8	
1897	18641	387	344	731	147	166	313	110	27	7	32	66	23	...	6	1	...	...	9	3	...	1	...	1	2	3	8	3	4	41	23	36	27	9	178	39.3	16.7	150	2.1	1.2	1.9	
1898	18860	348	356	704	178	164	342	118	53	14	17	65	25	...	8	2	3	...	8	...	...	1	...	2	...	13	...	1	4	48	18	45	23	11	197	37.4	18.1	153.4	2.2	0.9	2.3	
1899	19079	385	382	767	170	163	333	119	42	15	20	77	16	...	4	1	...	...	3	...	...	...	...	...	10	5	11	...	5	38	19	53	26	11	170	38.6	18.6	158.1	1.97	0.93	2.85	
1900	19288	370	376	746	191	170	361	128	69	15	27	87	35	...	6	1	1	...	8	...	...	...	...	1	...	5	14	...	...	37	13	46	19	15	171	41.5	18.6	185.4	1.9	0.68	2.4	
1901	18927	413	385	791	190	163	353	148	40	14	15	73	63	...	6	4	...	...	1	...	...	...	...	1	3	5	3	...	1	21	11	45	22	9	122	36.9	15.5	147.3	1.0	0.57	2.3	
1902	19132	363	343	706	163	135	298	104	42	11	5	81	55	...	2	7	...	...	2	...	...	...	...	...	12	2	2	...	3	27	17	33	22	17	151	38.0	17.4	192.7	1.3	0.87	1.7	
1903	19337	405	331	736	186	161	347	142	39	17	5	84	60	...	3	7	...	...	...	...	...	...	...	1	...	9	10	...	...	30	20	42	32	10	243	39.9	17.2	153.1	1.4	0.94	1.5	
1904	21292	423	406	829	201	176	377	137	40	13	18	96	73	...	3	8	4	...	3	...	...	...	...	1	5	8	12	...	3	39	20	65	37	18	220	34.0	17.1	170.2	1.7	0.84	2.3	
1905	23737	419	409	828	216	191	407	141	68	25	19	79	74	...	6	6	5	...	21	...	...	...	...	...	5	10	63	...	...	111	28	79	37	19	142	34.8	19.5	198.4	4.06	1.07	3.03	
1906	26061	460	447	907	256	254	510	180	69	27	26	138	70	...	3	8	1	...	5	...	...	...	...	2	12	2	5	...	1	35	19	63	24	15	169	33.5	14.6	153	1.3	0.6	2.2	
1907	28211	504	441	945	214	200	414	145	59	24	25	99	62	...	6	6	...	...	5	...	...	...	...	...	2	20	42	...	5	86	25	94	38	21	207	39.6	17.1	160	2.7	0.84	3.1	
1908	29710	574	521	1095	259	217	476	176	63	20	22	121	74	...	6	6	...	...	5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

\* Explosion of "fire damp" at Trimdon Grange Colliery, 68 killed.

† Incorporation of Low Spennymoor with the Spennymoor Urban District, with an area of 232 acres, and a population of 1044.

# AT DEATHS 1870-1871

Age	Sex	Marital	Cause		Place		Time	Total
			Male	Female	Male	Female		
20	M	W	100	100	100	100	100	100
21	M	W	100	100	100	100	100	100
22	M	W	100	100	100	100	100	100
23	M	W	100	100	100	100	100	100
24	M	W	100	100	100	100	100	100
25	M	W	100	100	100	100	100	100
26	M	W	100	100	100	100	100	100
27	M	W	100	100	100	100	100	100
28	M	W	100	100	100	100	100	100
29	M	W	100	100	100	100	100	100
30	M	W	100	100	100	100	100	100
31	M	W	100	100	100	100	100	100
32	M	W	100	100	100	100	100	100
33	M	W	100	100	100	100	100	100
34	M	W	100	100	100	100	100	100
35	M	W	100	100	100	100	100	100
36	M	W	100	100	100	100	100	100
37	M	W	100	100	100	100	100	100
38	M	W	100	100	100	100	100	100
39	M	W	100	100	100	100	100	100
40	M	W	100	100	100	100	100	100
41	M	W	100	100	100	100	100	100
42	M	W	100	100	100	100	100	100
43	M	W	100	100	100	100	100	100
44	M	W	100	100	100	100	100	100
45	M	W	100	100	100	100	100	100
46	M	W	100	100	100	100	100	100
47	M	W	100	100	100	100	100	100
48	M	W	100	100	100	100	100	100
49	M	W	100	100	100	100	100	100
50	M	W	100	100	100	100	100	100
51	M	W	100	100	100	100	100	100
52	M	W	100	100	100	100	100	100
53	M	W	100	100	100	100	100	100
54	M	W	100	100	100	100	100	100
55	M	W	100	100	100	100	100	100
56	M	W	100	100	100	100	100	100
57	M	W	100	100	100	100	100	100
58	M	W	100	100	100	100	100	100
59	M	W	100	100	100	100	100	100
60	M	W	100	100	100	100	100	100
61	M	W	100	100	100	100	100	100
62	M	W	100	100	100	100	100	100
63	M	W	100	100	100	100	100	100
64	M	W	100	100	100	100	100	100
65	M	W	100	100	100	100	100	100
66	M	W	100	100	100	100	100	100
67	M	W	100	100	100	100	100	100
68	M	W	100	100	100	100	100	100
69	M	W	100	100	100	100	100	100
70	M	W	100	100	100	100	100	100
71	M	W	100	100	100	100	100	100
72	M	W	100	100	100	100	100	100
73	M	W	100	100	100	100	100	100
74	M	W	100	100	100	100	100	100
75	M	W	100	100	100	100	100	100
76	M	W	100	100	100	100	100	100
77	M	W	100	100	100	100	100	100
78	M	W	100	100	100	100	100	100
79	M	W	100	100	100	100	100	100
80	M	W	100	100	100	100	100	100
81	M	W	100	100	100	100	100	100
82	M	W	100	100	100	100	100	100
83	M	W	100	100	100	100	100	100
84	M	W	100	100	100	100	100	100
85	M	W	100	100	100	100	100	100
86	M	W	100	100	100	100	100	100
87	M	W	100	100	100	100	100	100
88	M	W	100	100	100	100	100	100
89	M	W	100	100	100	100	100	100
90	M	W	100	100	100	100	100	100
91	M	W	100	100	100	100	100	100
92	M	W	100	100	100	100	100	100
93	M	W	100	100	100	100	100	100
94	M	W	100	100	100	100	100	100
95	M	W	100	100	100	100	100	100
96	M	W	100	100	100	100	100	100
97	M	W	100	100	100	100	100	100
98	M	W	100	100	100	100	100	100
99	M	W	100	100	100	100	100	100
100	M	W	100	100	100	100	100	100